

021204

16638 U.S.PTO

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. PF160D3

First Inventor Guo-Liang Yu

Title Colon Specific Genes and Proteins

Express Mail Label No.

22553 1077601
021204**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 60]

(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 17]

5. Oath or Declaration [Total Sheets 2]

- a. Newly executed (original or copy)

- b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)

i. **DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s)
named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/988,292

Prior application information: Examiner J. Tung Art Unit: 1637

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

19. CORRESPONDENCE ADDRESS

Customer Number: 22195 OR Correspondence address below

Name			
Address			
City	State	Zip Code)
Country	Telephone	Fax	

Name (Print/Type)	Doyle A. Siever	Registration No. (Attorney/Agent)	47,088
Signature	<i>Doyle A. Siever</i>	Date	2/12/2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 770.00)**Complete if Known**

Application Number	To Be Assigned
Filing Date	February 12, 2004
First Named Inventor	Guo-Liang Yu
Examiner Name	To Be Assigned
Art Unit	To Be Assigned
Attorney Docket No.	PF160D3

METHOD OF PAYMENT (check all that apply)
 Check Credit Card Money Order Other None
 Deposit Account:

Deposit Account Number 08-3425

Deposit Account Name Human Genome Sciences, Inc.

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	770.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		(\$)		770.00	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	18	-20** =	<input type="text"/>	x <input type="text"/>	= <input type="text"/>	Fee from below	Fee Paid
Independent Claims	3	-3** =	<input type="text"/>	x <input type="text"/>	= <input type="text"/>		
Multiple Dependent							

Large Entity Small Entity

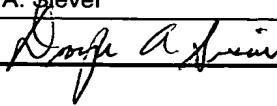
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$)		0.00	

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid		
1051	130	2051 65 Surcharge - late filing fee or oath			
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet.			
1053	130	1053 130 Non-English specification			
1812	2,520	1812 2,520 For filing a request for ex parte reexamination			
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action			
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action			
1251	110	2251 55 Extension for reply within first month			
1252	420	2252 210 Extension for reply within second month			
1253	950	2253 475 Extension for reply within third month			
1254	1,480	2254 740 Extension for reply within fourth month			
1255	2,010	2255 1,005 Extension for reply within fifth month			
1401	330	2401 165 Notice of Appeal			
1402	330	2402 165 Filing a brief in support of an appeal			
1403	290	2403 145 Request for oral hearing			
1451	1,510	1451 1,510 Petition to institute a public use proceeding			
1452	110	2452 55 Petition to revive - unavoidable			
1453	1,330	2453 665 Petition to revive - unintentional			
1501	1,330	2501 665 Utility issue fee (or reissue)			
1502	480	2502 240 Design issue fee			
1503	640	2503 320 Plant issue fee			
1460	130	1460 130 Petitions to the Commissioner			
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)			
1806	180	1806 180 Submission of Information Disclosure Stmt			
8021	40	8021 40 Recording each patent assignment per property (times number of properties)			
1809	770	2809 385 Filing a submission after final rejection (37 CFR 1.129(a))			
1810	770	2810 385 For each additional invention to be examined (37 CFR 1.129(b))			
1801	770	2801 385 Request for Continued Examination (RCE)			
1802	900	1802 900 Request for expedited examination of a design application			
Other fee (specify)					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)		(\$)		0.00	

(Complete if applicable)

Name (Print/Type)	Doyle A. Siever	Registration No. (Attorney/Agent)	47,088	Telephone	(240) 314-4400, x3595	
Signature					Date	2/12/2004